

Notice of Allowability

Application No.

10/506,915

Examiner

Mary Kate B. Baran

Applicant(s)

MAIER, THOMAS

Art Unit

2857

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3 November 2006.
2. ☒ The allowed claim(s) is/are 21-40.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached.
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

Response to Amendment

1. This action is responsive to the Amendments filed 3 November 2006. Claims 21-40 are pending. Claim 21 is amended. Claims 1-20 are cancelled.

Allowable Subject Matter

2. Claims 21-40 are allowed.
3. The following is an examiner's statement of reasons for allowance:

Claims 21-37 are allowable over the prior art because a method of automatic adjustment of devices having setting elements, comprising the steps of: modifying the first reference setting of the setting elements, and measuring the characteristic curve again at predefined measurement points for a configuration of the setting elements, calculating gradient functions of the characteristic curve, calculating new settings of the setting elements by minimizing an error function by using measured values and the gradient functions and setting the setting elements to the calculated values to adjust the devices, and carrying out the adjustment again is not found, taught or suggested in the prior art of record. is not found, taught or suggested in the prior art of record.

Claim 38 is allowable over the prior art because an arrangement having a processor set up for automatic adjustment of devices having setting elements, comprising: modifying the first reference setting of the setting elements, and measuring the characteristic curve again at predefined measurement points for a configuration of

the setting elements, calculating gradient functions of the characteristic curve, calculating new settings of the setting elements by minimizing an error function by using previously calculated measured values and the gradient functions and setting the setting elements to the calculated values, and carrying out the adjustment again is not found, taught or suggested in the prior art of record.

Claim 39 is allowable over the prior art because a computer program product comprising a computer-readable storage medium on which a program is stored which after the program has been loaded into a memory of a computer, makes it possible for the computer to carry out a method for automatic adjustment of devices having setting elements, the adjustment comprising: modifying the first reference setting of the setting elements, and measuring the characteristic curve again at predefined measurement points for a configuration of the setting elements, calculating gradient functions of the characteristic curve, calculating new settings of the setting elements by minimizing an error function by using previously calculated measured values and the gradient functions and setting the setting elements to the calculated values, and carrying out the adjustment again is not found, taught or suggested in the prior art of record.

Claim 40 is allowable over the prior art because a computer-readable storage medium, on which a program is stored which, after the program has been loaded into a memory of a computer, makes it possible for the computer to carry out a method for automatic adjustment of devices having setting elements, the adjustment comprising: modifying the first reference setting of the setting elements, and measuring the characteristic curve again at predefined measurement points for a configuration of the

setting elements, calculating gradient functions of the characteristic curve, calculating new settings of the setting elements by minimizing an error function by using previously calculated measured values and the gradient functions and setting the setting elements to the calculated values, and carrying out the adjustment again is not found, taught or suggested in the prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mary Kate B. Baran whose telephone number is (571) 272-2211. The examiner can normally be reached on Monday - Friday from 9:00 am to 6:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marc S. Hoff can be reached on (571) 272-2216. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

10 December 2006


EDWARD RAYMOND
PRIMARY EXAMINER

12/11/06